

# Struve Explains Planetary Formation in First Lecture

Dr. Otto Struve, world renowned astronomer, presented the first of a series of six lectures on the universe Tuesday night at Kresge Auditorium. More than 100 students and faculty members of MIT and Harvard heard Dr. Struve speak on "The Solar System: Its Origin and Evolution." Also in the audience were famous science-fiction writer Issac Asimov, and Director of the Smithsonian Astrophysical Laboratory Fred Whipple. Overflow crowds for the lecture listened in the Little Theatre and 26-100.

Introduced by Science Dean Harrison, Dr. Struve in this talk sought to answer the question "Are there other planetary systems in the Milky Way, or is our system unique?" He stated that an abundance of observed similarities between our sun and other stars suggested that other planetary systems exist.

Supplementing his talk with a series of slides, Dr. Struve explained in detail the "contracting cell" theory of planetary formation. This theory calls for the contraction into stars and planets of the interstellar matter contained in a large volume, or cell, of space. It was introduced earlier this year by the British astronomer McCrae.

The eminent astronomer pointed out several advantages of this hypothesis over others suggested. Among these is a proper explanation of the distribution of angular momentum in the solar system. He showed that the defeat of other theories has arisen directly from this consideration.

Dr. Struve then demonstrated quantitatively that the amount of material contained in any such cell is exactly the same amount contained in the solar system today.

In addition, the calculated density of interstellar matter is sufficiently great to overcome tidal disturbances from external sources, and thus it will contract by its own gravitational attractions.

On the basis of these considerations, Dr. Struve concluded that the contracting cell theory is the most plausible of those offered today. Furthermore, the conditions necessary for the creation of our solar system by this theory abound throughout our galaxy and the universe, and thus the probability of the existence of other planetary systems is very great.

Dr. Struve's second talk, "Stellar Evolution", was presented last night. On November 10, he will lecture on "Structure and Evolution of the Galaxy". All lectures are at 8 P.M. in Kresge Auditorium.

## Dept. of Aeronautics Meets Flying Clubs

The Department of Aeronautics and Astronautics sponsored a buffet dinner last Wednesday to kick off the second phase of the Aviation and Flight Seminars Program for prospective pilots. Key speakers were Dr. Charles Draper, Head of the Aeronautics Department, General Benjamin Kelsey, Jerome Charles Hunsaker Visiting professor of Aeronautical Engineering, and Chip Collins, Director of the Instrumentation Lab Flight Facilities. Dr. Draper offered his aid to the program and praised Collins and Chuck Livingston, President of Aerotech Flying Club, for inaugurating and carrying out the series of seminars.

### Seminars Now Going On

The seminars began last September with twenty-five students and will finish in the middle of next semester. The lectures are taught by visiting professors and experts from near-by Air Force bases, local Weather Stations, and Logan Airport, all who have offered to teach free of charge to the prospective pilot. The seminar's series on weather has recently ended and following seminars will discuss navigation, Civil Air regulations, general operating procedure, radio navigation, flight safety, maintenance and construction, and theory of flight.

### Free Hundred-Dollar Course

President Livingston, of Aero Tech, urged prospective pilots to take advantage of this free course taught by the best possible professional instructors. He said that these seminars would cost between fifty and a hundred dollars in the commercial market, and could not equal the MIT course. By the middle of the second term, Livingston said, the seminar students will be able to take and pass the Private Pilot written examination.

Attending the meeting were members of the Tech Flying Club, Aero Tech, the Glider Club, and the Seminar course.

## WTBS to Broadcast Sat. Night Program By Kingston Trio

Kingston Trio fans who have been unable to get tickets to JP Saturday night will still be able to hear the performance on WTBS, 640 on the dial and audio line. N. Addison Ball, '60, WTBS Station Manager, has announced that the program will be broadcast live from the Armory on November 7.

Arrangements for the live broadcast were made by Bob Sanberg '61, Special Features Director, through the Trio and Capitol records. The show will not be re-broadcast at a later date since the arrangements include the provision that no recordings be made.

Referring to the broadcast, Ball said, "WTBS can offer the double advantage of the Kingston Trio and the privacy of your own room."

## Armory Opens 8 P. M. Saturday

# JP Weekend Starts Tonight

MIT's Fall party weekend gets under way at 9 P.M. tonight, when doors open at the Statler Hotel for the Junior Prom formal. The JP Committee has made some innovations for this event; each couple will receive free a 3 x 5 color portrait.

The Saturday night concert by the Kingston Trio, at the Armory, will be open to ticket holders at eight P.M. Seating will be on a first-come, first-served basis; however, semicircular seating arrangements and a loudspeaker system should insure everyone a good view and no trouble in hearing.

For those not going to the parties, Field Day events will occupy the afternoon. The Freshmen and Sophomore classes will launch their boats on the Charles River at 1 P.M., and the race is expected to get underway at 1:30. The Tugs of War, which will include a Coed contest, will take to the field at 2 P.M., followed by the X Event at 2:30. The Glove Fight should start by about 3 P.M.

There has been one complaint registered with the Junior Prom Committee concerning distribution of options last Monday. Sigma Alpha Epsilon wrote to the committee and to UAP Chris Sprague, '60, alleging that they "were not notified properly by the Committee of the necessity of (their) presence in Building 10 at 5 P.M." Monday. No SAE representative was at the raffle, and they were accordingly placed in the Georgian Room.

## Lehrer Holds Forth In Kresge Nov. 24

Tom Lehrer, ivy-league master of satirical song, will give a performance in Kresge Auditorium on Tuesday, November 24th, at 8:30 pm. The program, which is sponsored by the Baton Society, will feature songs from his new album of recordings, which is to be released next month. He will repeat his sell-out performance at the Sanders Theatre last Spring. Mr. Lehrer also recently returned from a nationwide concert tour.

At the time this issue went to press, almost all the tickets for the performance had been sold.

Four MIT students are appearing before the Institute Committee as a result of actions early Sunday morning which involved the taking of a fifth student, a senior, from his dormitory room and transporting him, bound and with a pillowcase over his head, to Lexington.

The incident came to the attention of student authorities when the captured student called MIT from a nearby home to obtain transportation back to campus.

In closed hearings, Judicial Committee is taking testimony to ascertain the facts and motivations involved in the case. If substantial evidence of faulty action on the part of those involved is found an open hearing will be held at which time questions may be addressed to the members of Judcomm.

At press deadline no statement was available from the Judicial Committee.

## Burstein to Lecture

Harvey Burstein, head of the MIT Security Force, will be guest lecturer at the Center for Police Training at Indiana University. He will speak on the selection, training, and supervision of enforcement personnel.

# The Tech

NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX

No. 37

CAMBRIDGE, MASSACHUSETTS, FRIDAY, NOVEMBER 6, 1959

5 Cents

## Cello, Organ, and Chamber Concerts in Coming Week

### Camera Concerti Play

In Kresge Nov. 15

The Camera Concerti, a new American chamber orchestra, will make its first appearance in the Boston area in Kresge Auditorium on Sunday, November 15, in the second of the MIT Humanities Series concerts.

Featured soloist for the performance will be violinist Karen Tuttle who will play Telemann's Concerto in G Major. Miss Tuttle has participated in five Casals Music Festivals, has been first violinist and soloist with the Little Orchestra and the Saidenberg Chamber Orchestra in New York, and was the highly praised violinist of the Schneider, Gotham and Galimir String Quartets. She has been a frequent soloist with the NBC Symphony Orchestra, and for two years has served as head of the department of viola and chamber music at the Curtis Institute of Music in Philadelphia.

### French Horn Solo Featured

The Camera Concerti, organized and directed by French horn virtuoso Joseph Eger, is considered unusual for its instrumentation of 14 winds and strings. With the smaller group of "Eger Players," Mr. Eger won new respect for the solo qualities of the French horn, which he will exhibit in the MIT concert with Mozart's Concerto in E flat Major, K. 447.

The program will be as follows:  
Concerto No. 2 in F Major, Handel.  
Concerto in G Major for Viola, Telemann.

Largo — Allegro — Andante — Presto  
Concerto in C Minor for Violin.  
Bach and Oboe.

### Cello Virtuoso Gives

Recital in Music Library

Hermann von Beckerath, prominent German cellist and professor at the Munich Academy of Music, will give a recital at MIT, Monday, November 9, at 5 P.M., in the Music Library. Well-known throughout Europe, Mr. von Beckerath recently completed an eminently successful concert tour in South America and will appear in New York after his MIT engagement.

### Graduate with Distinction

A native of Hamburg, Mr. von Beckerath graduated "with distinction" from the Cologne Academy of Music. For seven years (1934-41) he was first solo cellist with the Munich Philharmonic Orchestra, a position which he also held for two years with the Bayreuth Festival Orchestra. During the war he taught at the Viennese Academy of Music, and in 1946 joined the Munich Academy.

### Program

Mr. von Beckerath will be accompanied by Miss Dolores Rodriguez. His program will be as follows:  
Adagio and Allegro in A Major, Boccherini — for cello and piano.  
Suite in C Major for cello, Bach — solo.  
Sonatina in C Minor, Beethoven.  
Arpeggio Sonata in A Minor, Schubert.

### MIT NAUTICAL ASSOCIATION

Tuesday November 10 5:15  
2-390

Election of Officers  
Plans for winter lectures  
All ticket holders are eligible to vote.

### Organ Concert Sunday

By Johnson in Chapel

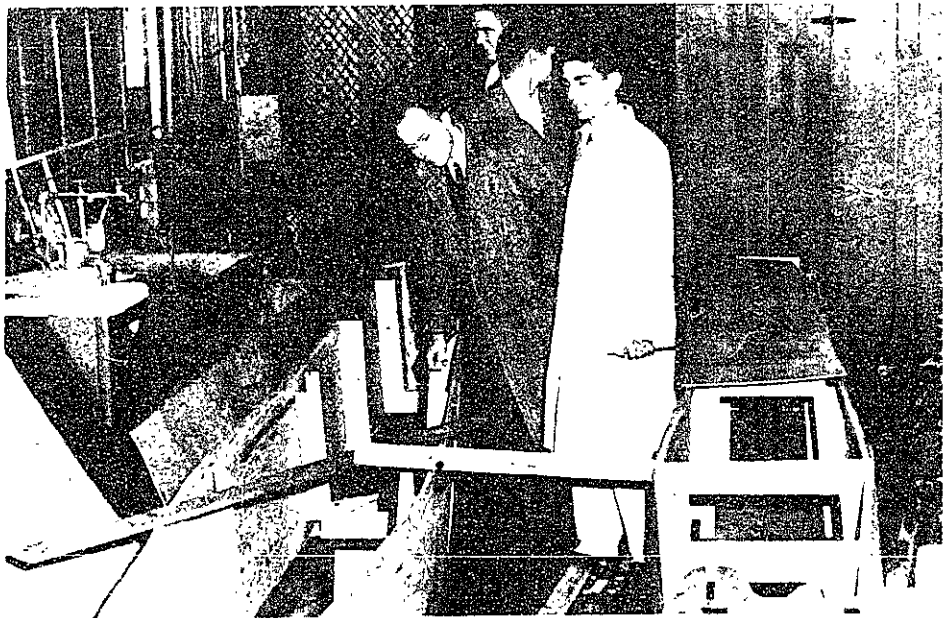
An afternoon organ and choral concert will be held Sunday, November 8, in the MIT Chapel at 4 P.M. David C. Johnson, organist, and the Motet Choir of the First Church in Cambridge, Congregational, will sing works by Dietrich Buxtehude, J. S. Bach, Alan Hovhannes, Andrea Gabrieli and Igor Stravinsky. Eugenia McGaw, soprano, and David Dodds, tenor, are the featured soloists.

### Bach, Stravinsky Featured

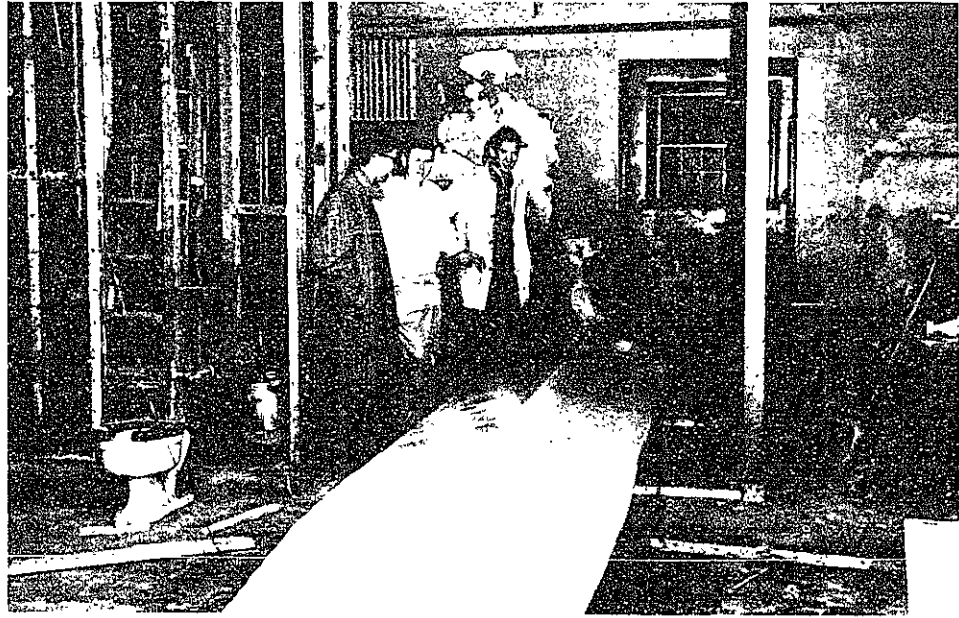
The chapel program will include the following:

Dietrich Buxtehude — (1637-1707)  
Magnificat Primi Toni  
Two Chorale — preludes:  
Nun komm der Heiden Heiland  
(Come now, Savior of the Heathen)  
Nun lob, mein Seel, den Herren  
(Now praise the Lord, my soul)  
Johann Sebastian Bach — (1685-1750)  
Toccata, Adagio and Fugue  
Alan Hovhannes — (1911- )  
Two Motets:  
Praise to the Lord  
Unto Thee, O God  
Andrea Gabrieli — (1510-1586)  
Motet: Filiae Jerusalem  
(Daughters of Jerusalem, come and behold the martyred ones in their glory. Alleluia!)  
Igor Stravinsky — (1882- )  
Cantata (1952)  
(Anonymous 15th and 16th century lyrics)  
"A Lyke-wake Dirge" Versus I, Prelude  
"Ricecrack I" The maidens came . . .  
"A Lyke-wake Dirge" Versus II,

## Freshmen and Sophomores Inspect Boats for Field Day Race



Inspecting the partly completed freshman boat are Sophomore class officers Joe Vitek and George Dotsen.



Inspecting the partly completed sophomore boat are Freshman class officers Bud Risser, Bob Johnson, and Jim Gustafson.

# Stellar Attraction

For the next two weeks, MIT is host to Doctor Otto Struve, second in the series of Karl Taylor Compton Lectures at the Institute. Doctor Struve is well-qualified to lecture in astronomy; he is currently director of the National Radio Astronomy Observatory, and has previously headed Leuschner Observatory at the University of California and Yerkes Observatory. Doctor Struve's father, grandfather and uncle were astronomers; his great grandfather, Friedrich Georg Wilhelm von Struve, built the Pulkovo Observatory for Czar Nicholas I in 1835. Doctor Struve himself was an artillery officer in the Imperial Russian Army during World War I and served in the White Russian Army in 1919-1920, before coming to the United States in 1921.

The Karl Taylor Compton Lectures were established in honor of the Doctor Compton, former President and Chairman of the Institute. The first series of lectures was given in the fall of 1957 by Doctor Niels Bohr.

It is not uncommon for the majority of the audience attending an Institute sponsored lecture to be made up of people unconnected with the Institute. Considering the timeliness and interest of these lectures by Doctor Struve, it is gratifying to note that most of the overflow crowd attending the lecture last Tuesday night were students. The Compton Lectures are continuing for the next two weeks, and we hope that the student body will continue to show interest in these lectures, one of the most informative and important of Institute programs.

# Battle Cry

Field Day is upon us. Freshmen and Sophomores will do battle tomorrow, hence life will be calm and '63ers and '62ers will exist in rapport.

The "new" field day is really much better than the "old". The old existed in now long past days when so much energy was expended in pre-Field Day activities, brilliantly organized by the Quadrangle Club (then a secret membership society until after the day of encounter) on the sophomore side, and usually not so well organized by the green frosh council for the newcomer's side.

Now, however, all action is concentrated on one day. The result is improved events and, in general, better participation. There have, of course, been isolated instances of the mysteriously created rivalry in fraternity houses and dormitory halls, but describe these to an old timer and he will only scoff before telling tales of the "purple shaft", enforced pilgrimages to New Hampshire, and groups of freshmen chained to girders in a not yet complete Compton Lab. Like war stories.

Everything considered there is really no sane explanation for such a thing as Field Day — but there is no sane explanation for basketball either. In some hazy way it does help in orientation, by getting freshmen to add another track to their minds. It also helps freshmen to get acquainted, a task always made easier by times of strife. Overriding all of this is the good times involved plus the excitement of secret meetings and secret plans. Perhaps a psychic element is involved in the glove fight; who can tell how much mental illness has been avoided by the sheer joy of ripping up somebody's clothes.

The "new" Field Day is rapidly becoming a tradition; if nothing tragic happens tomorrow it will be here to stay. We look forward to a fine weekend and, as always, will be amazed and exhilarated by the enthusiasm of the Field Day combatants. The rivalry comes from nowhere and, goes nowhere, but if some experience is gained and some fun is had in the interim, it is well worth the effort.

# Note

We note that the petitions circulating about 8.03 and 8.031 lectures with great abundance all include statements by the candidates promising that they will "fulfill their responsibilities with the utmost propriety and integrity" and other similar phrases. We sincerely hope that these flowing words are much more than just that; in other words, that the candidates do indeed realize their responsibilities as elected members of a student committee.

# kibitzer

Dealer-North

East-West vulnerable

S—J 9 4 2  
H—Q 7 5  
D—K J 10 3  
C—A 3

S—A K Q 10 6 N S—8 5  
H—J 8 4 W E H—10 2  
D—A 4 S D—8 7 5  
C—9 6 4 C—J 10 8 7 5 2

S—7 3  
H—A K 9 6 3  
D—Q 9 6 2  
C—K Q

# BIDDING

	N	E	S	W
pass	pass	1 heart	1 spade	
1 no trump	pass	2 hearts	pass	
4 hearts	pass	pass	pass	

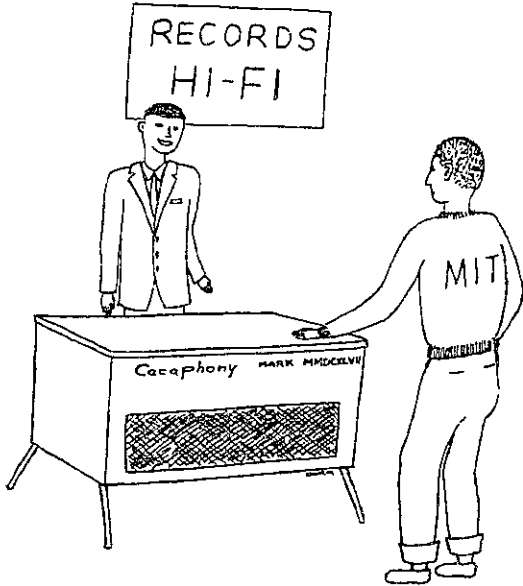
Opening lead — King of Spades

The above hand is from the 1959 Intercollegiate Bridge Tournament. North's 1 No Trump response over an overcall showed 9, 10, or 11 points and a stopper in opponent's suit. South showed a five card suit with minimum count by his 2 Heart rebid, but North still considered game a distinct possibility with the maximum for his bid and a nice fit for hearts.

West opened the King of Spades and continued with the Ace. He knew he had a third trick with the Ace of Diamonds, but his problem was to set the hand. The contract would go down automatically if his partner had the Queen of Diamonds, and the King of Clubs was too much to hope for, since South must have it for his bid. But he gave the defense an extra chance by leading a small spade. Nothing could be lost, as East would surely trump (if only to be overtrumped by South), and West would still have a high spade left.

East, however, was on his toes and trumped with the Ten of Hearts, realizing that South might also be out of spades and hoping to force South to trump high. This play had the desired effect and a heart trick was established in West's hand in addition to the diamond. The contract was thus defeated one trick by good defense. This is an example of the uppercut, a defensive play that seldom costs anything and often gains a trick for alert defenders.

James R. Chalfant, '60



AND IT'S GUARANTEED  
TO KEEP THE ENTIRE  
DORM AWAKE.

# The Tech

Entered as second class matter at the post office at Boston, Massachusetts. Published every Tuesday and Friday during the college year, except college vacations, by THE TECH — Walker Memorial, Cambridge 39, Mass. Telephones TRowbridge 6-5855-6 or UNIVERSITY 4-6900, Ext. 2731. Twenty-four hour answering service: TR 6-5855.

VOL. LXXIX November 6, 1959 NO. 38

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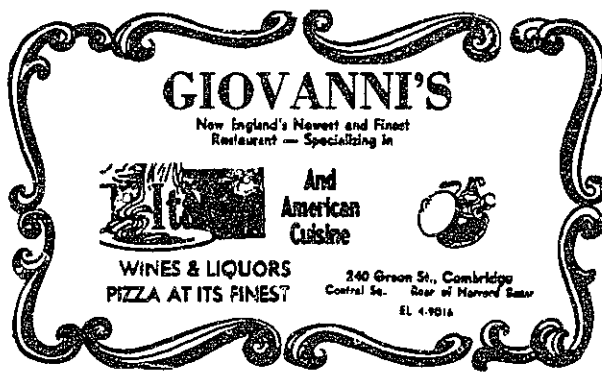
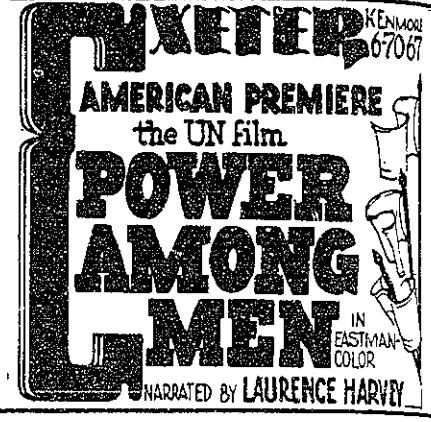
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AIR CONDITIONED

The November issue of "Tech Engineering News" will be on sale Thursday, November 12, and Monday, November 16, in Buildings 2 and 10.

One of the featured articles this month describes the Generalized Machine developed and used by the Department of Electrical Engineering in its "core curriculum" subjects. This topic is of particular interest this month in the wake of the recent gift of over nine million dollars to the School of Engineering to be used in the development of similar programs in all the engineering courses. You won't want to miss this article, so be sure to buy your copy of TEN early.



# Eighty Years of Field Days: From the Cane Rush to the Boat Race

For over eighty years, MIT has had a day set aside in the Fall for the culmination of rivalry between the Freshman and Sophomore classes. This tradition was broken but once — in the fall of 1957, Field Day was formally abolished. But it was soon brought back with different forms of competition; the 1958 Field Day saw the Class of 1962, as Freshmen, beat the Class of 1961 in all events but the Boat Race. This year, the second of the "new" Field Days will take place, with 1962 seeking to repeat its victory, but the Class of 1963 equally determined to keep the Freshman winning streak alive.

**The Cane Rush**

Many years before the turn of the last century, Field Day as we will see it this year was completely unknown. The main event of that day was the

Cane Rush, in which freshmen and sophomores vied to get the most hand-holds on a large cane. But this event was discontinued in 1900, when one freshman was fatally injured beneath a pile of fellow classmates and rivals.

In the following year, President Henry S. Pritchett organized a new program of safer activities, including interclass football, relay races, and crew races. As Field Days passed, however, MIT students added their own activities. One tradition was "Tech Night", including all-night pranks, parades, and general rioting. Contemporary newspaper accounts would have led one to believe that the destruction of Boston was imminent.

**Tear Gas Squad**

In 1927, the first of the Glove Fights was held. In this melee, freshmen and sophomores pile together in an at-

tempt to acquire as many colored gloves as possible; however, general roughing up of rivals soon became the major objective of the contest. Associated with the Glove Fight was a sophomore ritual called the mug lift, which was discontinued several years ago following an attack by a freshman tear-gas squad.

All these events were completely eliminated in 1957. In a decision in April, 1957, the Athletic Association decided to "flush" Field Day, claiming it disrupted the regular varsity sports program. They substituted an All-Sports Day, in which most of the varsity teams took part.

**Purple Shaft**

But some students were anxious not to lose the Field Day Spirit. In East Campus and Senior House, a clandestine organization calling itself the Mickey Mouse Club organized an "East Campus Field Day", which included the contest of the purple shaft. The purple shaft was a long pole, presented to the Freshmen, which was to be used to hit a sophomore at convenient times and places.

The outcome of the purple shaft event has never been settled, but the freshmen won clear victories in the



The spirit of friendly competition reigns at the Field Day Glove Fight.

other contests: chess, croquet, and tug of war.

**Field Day Restored**

In the Spring of 1958, Institute Committee decided to bring back Field Day. Events which the Athletic Association felt were injurious to the athletic program were dropped, and replaced by the totem pole race and the

boat race. The Glove Fight was brought back in all its glory, in addition to the tugs of war.

The freshmen won the 1958 Field Day 45-15. They carried all events except the boat race. Prior to Field Day, the sophomores thought to insure their victory by scuttling the frosh boat. They did so — they thought — and were docked ten points for their efforts. But it turned out they had sunk a decoy boat, and the real freshmen boat was unveiled moments before the start of the race. The sophomore's efforts were superfluous, however, since they lost the boat race — their only defeat of the day.

All events of this first "new" Field Day have been retained with the exception of the totem pole race, which was considered too dangerous. (Last year's pole, incidentally, is now erected against the rifle range near the Alumni Pool.) It has been replaced by the event "X".

The emphasis this year is even more on clean fun, no hazing, and general safety. All those concerned with the Field Day have repeatedly expressed the point that the Field Day is designed to spur on class organization, and not to lead to any of the unfortunate incidents that had caused the previous Field Days to end in being suppressed.

## Classes Call for Field Day Victory

### Frosh Statement

So the sophomores found our boat. So what! It never was necessary to hide it in the first place because the Field Day rules state that "No aggressive action may be taken towards the opponent's boat before, during, or after the race." It was merely concealed because we didn't want to have sophomores hanging around all the time. For that matter, we could have built it in the Great Court except for the inconveniences involved.

But now to the greater question. If we are to win Field Day, it is going to take more than strategy. The primary weapon in this fight is manpower. We need every freshman out there on Field Day to participate or to lend his support. The plans are laid, the rest is up to you.

Slaughter '62


### Soph Statement

A great deal of work and planning has gone into the preparations for Field Day. Many people have spent their evenings and weekends working on the boat, gathering materials for Event X, and planning for the Glove Fight. Now it is up to our class. Since most of the events depend on numbers, your participation is necessary. Our victory will be assured by a large turnout.

**Jim Dash**

**Added Inducement**

We are informed by unimpeachable sources high in the Class of 1962 that, should '62 be victors in the Field Day, the sophomore contestants will be able to trade in their gloves from the Glove Fight for beer.



## On Campus

with Max Shulman

(Author of "I Was a Teen-age Dwarf" "The Many Loves of Dobie Gillis", etc.)

### DIARY OF A COED

MONDAY: Prof. Pomfritt sprang quiz in English lit this morning. If Shakespeare didn't write *Canterbury Tales* I'm a dead duck . . . Lunch at the house—turkey hash. Question: how can we have turkey hash when we never had turkey? . . . Smoked a Marlboro after lunch. I dig those better makin's the most! . . . Played bridge with sorors in afternoon. When game was over, my partner stabbed me several times with hatpin. Must learn weak club bid . . . Dinner at house—lamb hash. Question: how can we have lamb hash when we never had lamb? . . . Smoked a Marlboro after dinner. What filter! What flavor! What pack or box! . . . Chapter meeting at night. Motion made to abolish capital punishment for pledges. Motion defeated . . . Smoked more Marlboros. *Quelle joie!* . . . And so to bed.

TUESDAY: Faculty tea at the house. Spilled pot of oolong on Dean of Women. She very surly. Offered her a Marlboro. Still surly. Offered skin graft. No help . . . Dinner at Kozy Kampus Kafe—24 hamburgers. But no dessert. Have to watch waistline . . . And so to bed.

WEDNESDAY: Got our marks in English lit quiz. Lucky for me Shakespeare wrote *Canterbury Tales*! . . . Afternoon date with Ralph Feldspar. Purely platonic. Ralph wanted to consult me about love trouble he's having with his girl Nymphet Calloway. I assured him things would get better. Ralph said he certainly hopes so because last four times he called on Nymphet, she dumped vacuum cleaner bag on him . . . Smoked several Marlboros. Wonderful cigarette. No confusion about which end to light. Saves loads of time . . . Dinner at house—bread. That's all; just bread . . . And so to bed.

THURSDAY: Three packages from home—laundry, cookies, records. So hungry I ate all three . . . Quiz in American history. If Millard Fillmore didn't invent cotton gin, I'm in big trouble . . . Dinner at house. Big excitement—Nymphet Calloway announced her engagement to Ralph Feldspar. While sorors flocked around to congratulate Nymphet, I ate everybody's side meat . . . Then smoked Marlboro. Oh, what a piece of work is Marlboro! . . . And so to bed.



FRIDAY: Got our marks in American history quiz. Was shattered to learn that Millard Fillmore did not invent cotton gin. He wrote *Canterbury Tales* . . . How very odd! . . . Lunch at the house—bread hash . . . Marlboro after lunch. Great smoke. Must send valentine to manufacturers . . . Spent entire afternoon getting dressed for date tonight with Norman Twonkey. Norman is dall, dark, loaded—a perfect doll! Only thing wrong is he never tells a girl where he's going to take her. So I put on a bathing suit, on top of that an evening gown, and on top of that a snowsuit. Thus I was ready for a splash party, a dance, or a toboggan slide . . . So what do you think happened? He entered me in a steeplechase, that's what! . . . Would have taken first prize easily if I hadn't pulled up lame in the last furlong . . . And so to bed.

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Yes, the college life is a busy one and you may be having trouble choosing the cigarette that's right for you. Here's a handy guide: For filter plus flavor—Marlboro. For flavor without filter—Philip Morris. For filter plus flavor plus coolness—Alpine . . . All made by the sponsors of this column.



## How's your beer IQ?

Try these questions and see!

1. How old is beer?
2. What American General requisitioned beer for his troops from the Board of War?
3. What is Manhattan's only brewery?
4. What's the trick to get frosty-smooth beer flavor quick?

**ANSWERS:**

1. Beer is at least 6,000 years old, according to records.
2. General George Washington, 1777.
3. Jacob Ruppert Brewery.
4. Just KNOCK FOR KNOCK!

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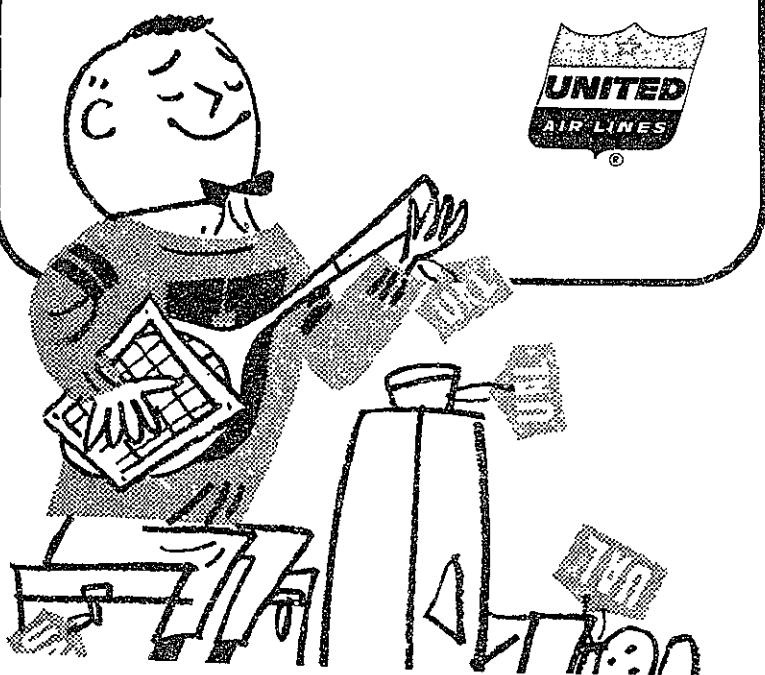


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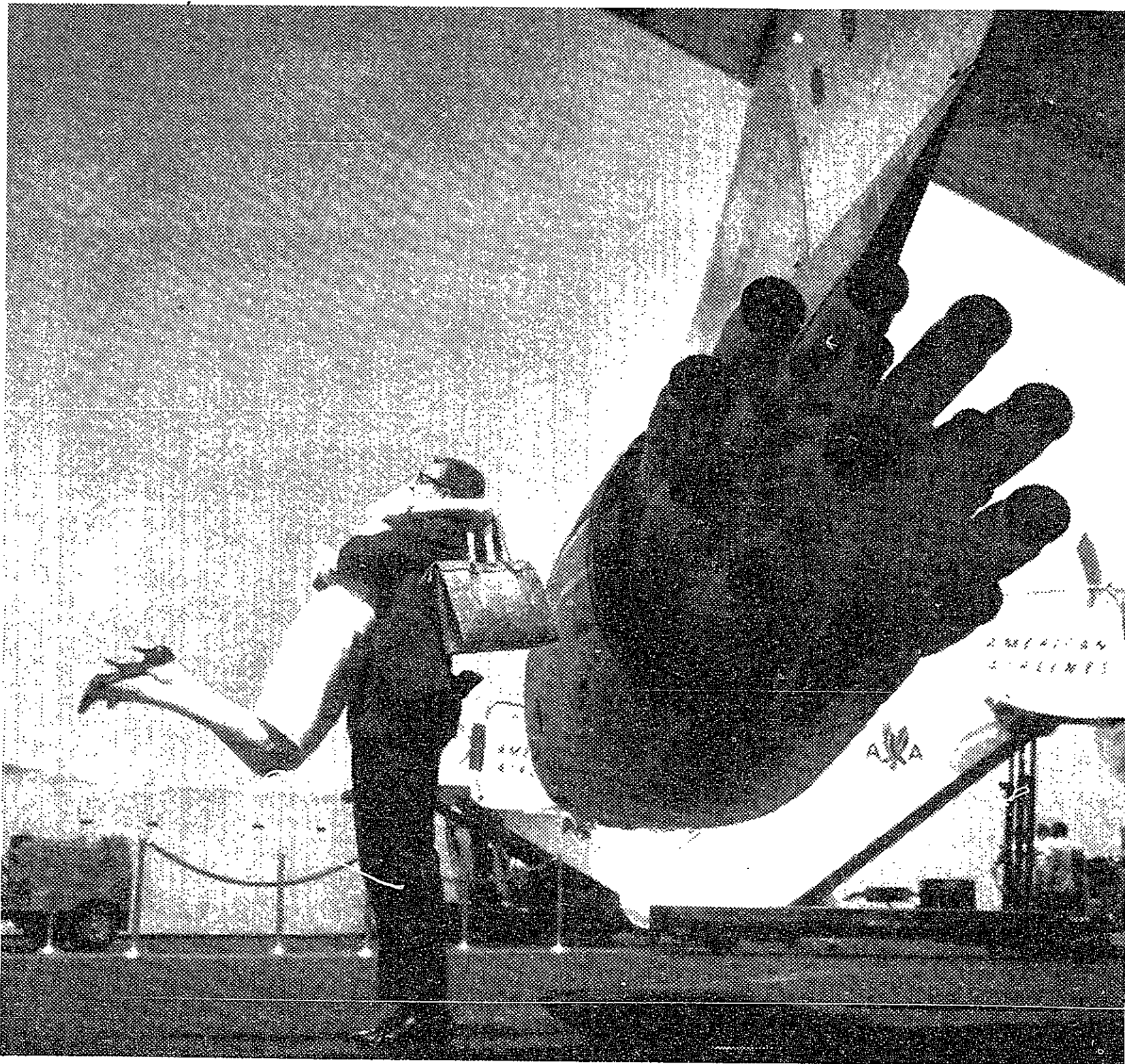


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### Harriers Get Ready To Fly to Illinois For N.C.A.A. Meet

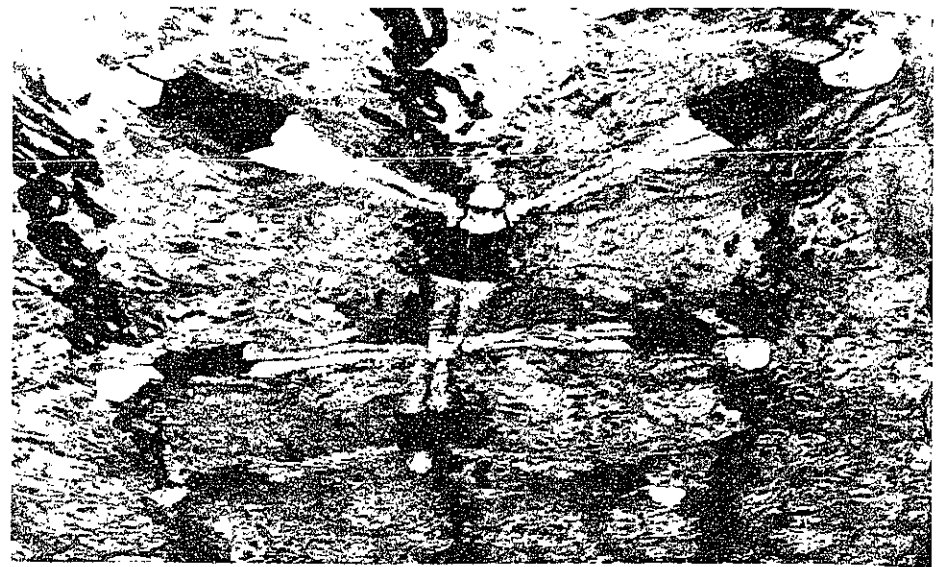
Varsity cross-country coach Art Farnham isn't superstitious. His thirteen-man squad will fly on Friday, November 13th, to Wheaton, Illinois, for the second annual N.C.A.A. College Division Cross-Country championships. Fearing no whammy, MIT's "Thirteen Trotters" will be the first New England entry to compete in this intersectional competition hosted by Wheaton College.

The race will be run one week from tomorrow over a four-mile course of the Chicago Golf Club.

Members of the MIT cross-country squad who'll make the trip include: Co-captain Robert Mullen, '60, State College, Pa.; Co-captain Dan Oliver, '60, Shreveport, La.; Stephen Banks, '62, Mercer Island, Wash.; Herbert Grieves, '60, Canton, Mass.; George Ioup, '62, Altoona, Pa.; Paul Robertson, '61, West Haven, Conn.; Edward McCartney, '60, Des Moines, Iowa; Philip Nelson, '62, Gerro Gordo, Ill.; Ronald Troutman, '61, Milton, Pa.; Brian Tunstall, '62, Tuscaloosa, Ala.; Herbert Wegener, '61, White Plains, N. Y.; Roger Weissinger, '62, Plattsburgh, N. Y.; and George Withbroe, '61, Green Bay, Wisconsin.

Yesterday the harriers faced Tufts and Northeastern at Franklin Park in their last regularly scheduled meet. Monday, the top seven from both the varsity and freshman squads will compete in the New England Championships, also slated for Franklin Park.

### All-MIT Swim Meet Here on 21st Exhibits, Competition Featured



The Wellesley Water Ballet group is shown above in practice. They'll be performing for the MIT community Saturday evening, November 21, at the Alumni Pool.

The MIT Swim Club will present the Fourth Annual All-Institute Swimming Championships at the Alumni Pool on Saturday evening, November 21 at eight o'clock. The competition is open to all members of the MIT community, with five teams, the Classes of 1963, 1962, 1961, and 1960 and the Graduates, vying for the Interclass Trophy. The Graduate team is composed of MIT Alumni, graduate students, faculty, and staff.

In past years, the All-Institute Swimming Championships has become one of the top non-professional swimming shows in New England. This year's event will have, as special attractions, water ballet, diving, and water polo exhibitions as well as the regular interclass competition.

For those who are interested in entering, there will be eleven competitive events, including eight individual swimming races, two relay races, and diving. The swimming events are 50, 100, 220 and 440 yard freestyle; 100 yard butterfly, 200 yard individual medley, 200 yard backstroke, and 200 yard individual medley, 200 yard backstroke, and 200 yard breaststroke.

Watch for posters from which application blanks may be obtained. Trials will be held at 1:00 on Saturday afternoon, November 21.

For one of the MIT sports highlights of the year, come at eight and bring a date.

### MIT Sailors Place 3rd in Hoyt Regatta; Judges Break Tie

In the season's closest sailing competition, Coast Guard nipped MIT and Brown to win the Hoyt Trophy Regatta last Sunday at Providence. The victors ended the afternoon with 69 points, two ahead of the Beavers and home squad. However, Brown had one more first place than MIT, and was awarded second place even though each team had beaten the other an equal number of times.

Throughout the afternoon, the lead shifted among the top three. In the seventh and final race, a big squall with rain and winds up to 30 m.p.h. caused interference between the two fleets of boats that were on the water at the same time. After two hours of deliberation following the end of the final race, the race committee decided to throw out the results of the last race in each division. If this race had not been disallowed, MIT would have tied for first with Coast Guard.

Sailing for MIT were Pete Gray, '61, skipper, and Don Nelsen, '61, crew, in "A" Division, and Gary Helmig, '62, skipper, and Chuck Glueck, '62, crew, in "B" Division.

#### Frosh Individuals

In the Finals of the Freshman New England Individual Championships, held Sunday, on the Charles, Ken Klare was edged out by Henry J. Meneely, Jr., of Amherst, 76 points to 74.5. Carter Ford of Harvard was third with 74.

#### VOO DOO

We know that if you are reading this newspaper, you probably won't appreciate the wonderful humor offered in VooDoo, but if you're the exception to the rule, or take exception to Rule, look for VooDoo on Friday, November 13. Don't forget to watch VooDoo unveil the bare facts about women with a coed model — Building 10, 12:00 noon on Friday the 13th.

#### \$2.85 Gets \$5,000

**SBL** Yes, a man age 30 can get \$5,000 of Savings Bank Life 5-Year Renewable Term Insurance for only \$2.85 monthly. For age 20 it's \$2.25; 25, \$2.50; 35, \$3.45; 40, \$4.35. Annual dividends reduce these costs even more! Ask for folder giving exact rates at your age.

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# Champion Finalists Decided Sunday

## Delts vs Betas in IM Semi's

The semi-final round of the Intramural Football Tournament gets under way this Sunday on Briggs Field as the top four teams in both Divisions "A" and "B", meet to determine the contestants for the championship finales to be held the following Sunday.

In division "A", defending champion Delta Tau Delta meets Beta Theta Pi. The Delts have played three tough games in a row while the Betas romped through their three game schedule and have yet to meet any strong opposition. On this basis, look for the Delts to notch their fifth victory of the season in a close, exciting contest. The other game pits Phi Gamma Delta against Sigma Alpha Epsilon. Both teams have strong defensive units, and as a result this should be a low scoring contest, one that could go either way.

In division "B", Lambda Chi Alpha meets Student House while East Campus tackles Senior House II. Both teams in each contest are very evenly matched, and the games should prove very interesting to watch.

### 1959 IM TOUCH FOOTBALL STANDINGS

#### FINAL DIVISION "A"

#### LEAGUE I

	Won	Lost	Tied
Delta Tau Delta	4	0	1
Delta Upsilon	3	1	1
Sigma Phi Epsilon	2	2	0
Grad House	1	3	0
Delta Kappa Epsilon	0	4	0

#### LEAGUE II

Phi Gamma Delta	4	0	1
Phi Delta Theta	3	1	1
Theta Chi	2	2	0
Tau Epsilon Phi	1	3	0
Alpha Tau Omega	0	4	0

#### LEAGUE III

Beta Theta Pi	3	0	0
Sigma Nu	1	1	1
Sigma Chi	1	2	0
Sigma Alpha Mu	0	2	1

#### LEAGUE IV

Sigma Alpha Epsilon	3	0	0
Alpha Epsilon Pi	2	1	0
Pi Lambda Phi	1	2	0
Phi Kappa Sigma	0	3	0

#### DIVISION "B"

#### LEAGUE V

Lambda Chi Alpha	4	0	0
Burton House	3	1	0
Senior House I	2	2	0
Chi Phi	0	3	1
Kappa Sigma	0	3	1

#### LEAGUE VI

Senior House II	4	0	0
Phi Mu Delta	2	1	1
Theta Delta Chi	2	1	1
X.R.S.A.	1	3	0
Walker Student Staff	0	4	0

#### LEAGUE VII

Student House	4	0	0
Grad House			
Dining Staff	2	2	0
Dover Club	1	1	2
Phi Beta Epsilon	1	1	2
Theta Xi	1	1	2

#### LEAGUE VIII

East Campus	3	0	0
Baker House	1	1	1
Phi Kappa Theta	1	1	1
Phi Kappa Sigma	0	3	0

## Indoor Track Rally To be Held Tuesday

The indoor track season will officially open with a rally at 5:00 P.M., next Tuesday, November 10, at the Dupont Athletic Center. All those interested in varsity or freshman competition are invited to come and meet the coaches and team members. Grad students are also invited. Competitors are needed in all events, for both the varsity and freshman squads. Managers are also needed.

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Shown at 2:25 — 5:35 — 8:50

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30 minute subject on the part satellites will play in weather control.  
Prepared by Walt Disney — in color  
Shown at 1:45 — 4:55 — 8:10  
Continuous Daily from 1:30



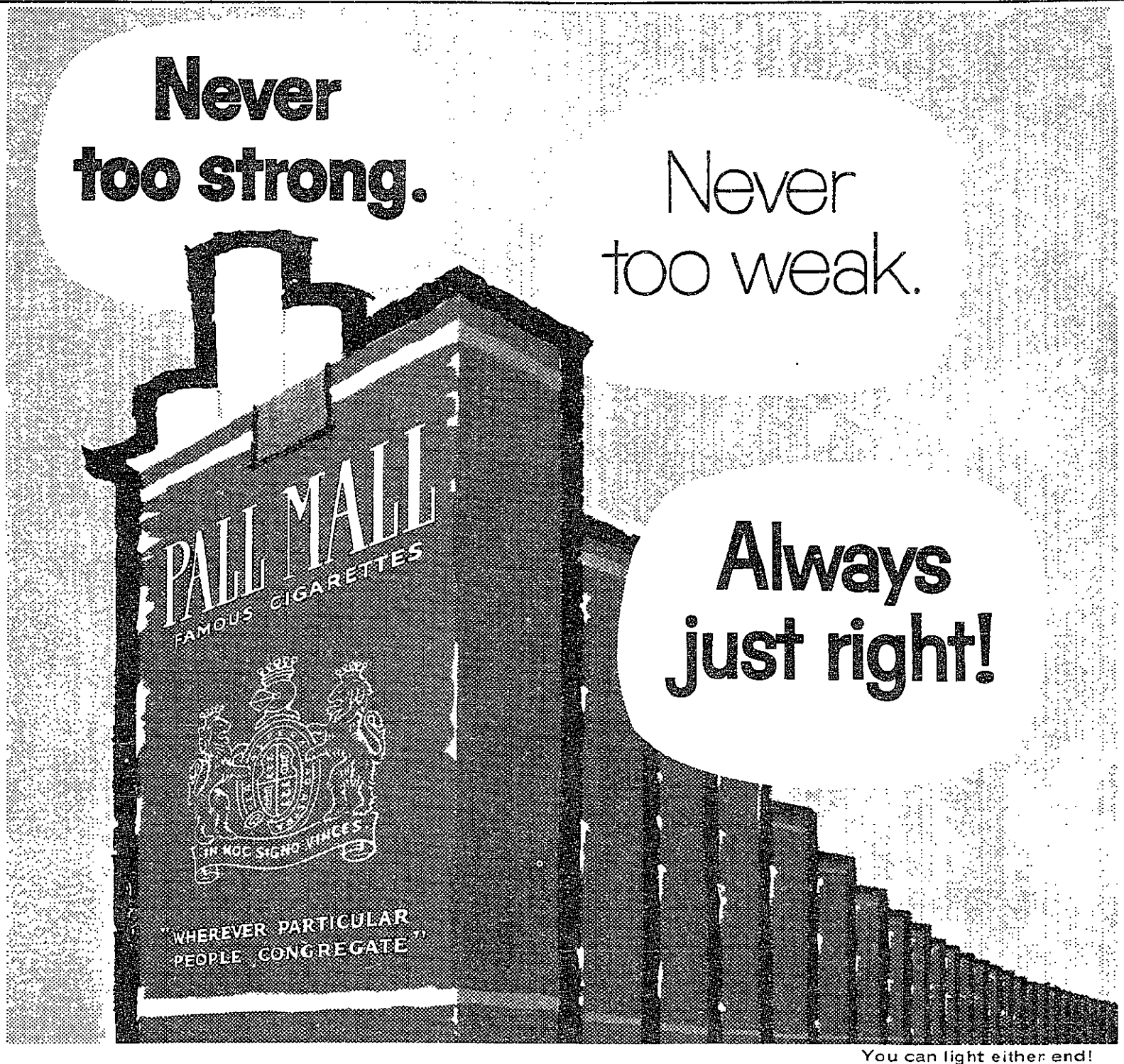
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Weekend Celebration

Lambda Chi Alpha Marks 50th

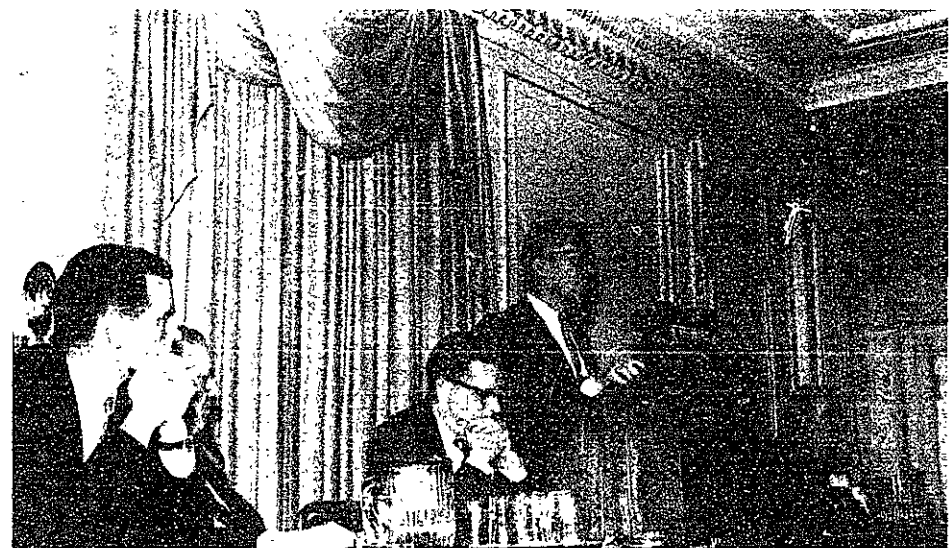
On November 2, 1959, the MIT chapter of Lambda Chi Alpha celebrated its 50th Anniversary together with the BU chapter, here in Boston, birthplace of the fraternity. Dr. Alfred C. Nelson, Dean of Community College of Denver, vice-president of the National Fraternity, was the main speaker in the opening meeting on Friday evening in the Hotel Kenmore. Dr. Nelson



At the speaker's dais are (left to right): Vern Edwards, Asst. Dean of Men at BU; Dr. Alfred C. Nelson, national director; Cyril F. Flad, national executive director; Tozier Brown of Denver College (speaking); National president; and Dr. Lee Tuttle of Duke.

stressed the ideals by which the men of Lambda Chi Alpha have lived and must continue to live.

Sessions resumed Saturday morning with a panel discussion on Chapter Relations, both among the members and with the general public. Rober Lienhard, President of the MIT chapter of Lambda Chi Alpha, led the discussion on how to develop leadership. Following this discussion a luncheon



Some LXA alumni getting together; the two men at far left and the one at right are among the original founders of the fraternity.

was held at which a bronze plaque was presented to three charter members of the Fraternity. Dr. Lee R. Tuttle, member of the National Executive Committee gave the principal address.

Tozier Brown of Denver College, President of the National Fraternity, gave the address at the Golden Anniversary Banquet. Mr. Brown stressed, once again, the ideals by which we must live. In attendance were over 300 alumni and active members of the fraternity, including one of the founders of Lambda Chi Alpha,



Lambda Chi Alpha officers include (back row, left to right) Ron Ulig, '61, ritualist; George Spasyk, national service secretary; Bob Leinhard, '60, president; and Clifton Greene, BU Co-chairman. Front left, Bill Leffler, '61, steward; front right, S. G. Dirghalli, national alumni director.

Warren Albert Cole, now over 70 years of age.

The theme of the Anniversary celebration was looking to the future rather than to the past. In keeping with this theme, a Rededication Service was held Sunday morning in the Daniel Marsh Chapel at BU. Dr. Marsh, Chancellor of BU, gave a sermon entitled "The Challenge of Our Times". And on this note the celebration ended, with a brunch for all those attending immediately after the service.

SEX

Sigma Epsilon Chi, honorary drinking fraternity of the Class of '59, will hold one of its customary bibulous conclaves tomorrow from 4 to 7 P.M., at 43 Grove Street, Winchester. Telephone PA 9-5574 for further information.

Orthodox Fellowship Sets Plans

The Orthodox Christian Fellowship has announced its activities for the coming weeks.

On Friday the 13th of November, an Acquaintance Dance will be held in

Math Club Contest

Members of the MIT Team to the William L. Putnam Mathematical Competition have been announced as the following: Steven Orsag, '63, T. L. Faber '61, and Stephen Scheinbirk '60, who was highly placed last year.

Any interested person should contact Prof. G. C. Rota of the Mathematics Department.

WHAT IS CASTRO?

"Castro — leader, liberator, or dictator" will be discussed this Monday at a Club Latino panel discussion. It will be conducted in English by Frank Tapparo, '60, George Henry, '59, and Irv Stahlberg of the NSA. The panel will take place at 5 P.M., in the Miller Room, 3-070.

Morss Hall, Walker Memorial. There will be continuous American and Oriental music by the Joel Richard Orchestra and the Hellenic String Band. The admission is \$1.25 per person.

On Wednesday, November 18th, Brother Panteliemon will speak on "Christ — His Life and Works". Refreshments will be served.

The OCF will also participate in a Fall Retreat of the New England Region of College Orthodox Students later in November. Contact George Ioup, Ext. 3295, for details.

APO Directories Available

Alpha Phi Omega has announced that members of NRSA may pick up their copy of the 1959-60 Undergraduate Telephone Directory. The directory is printed by Alpha Phi Omega as a service.

These directories will be available to non-residents at the APO booth in Building 10 through Friday, November 6th.

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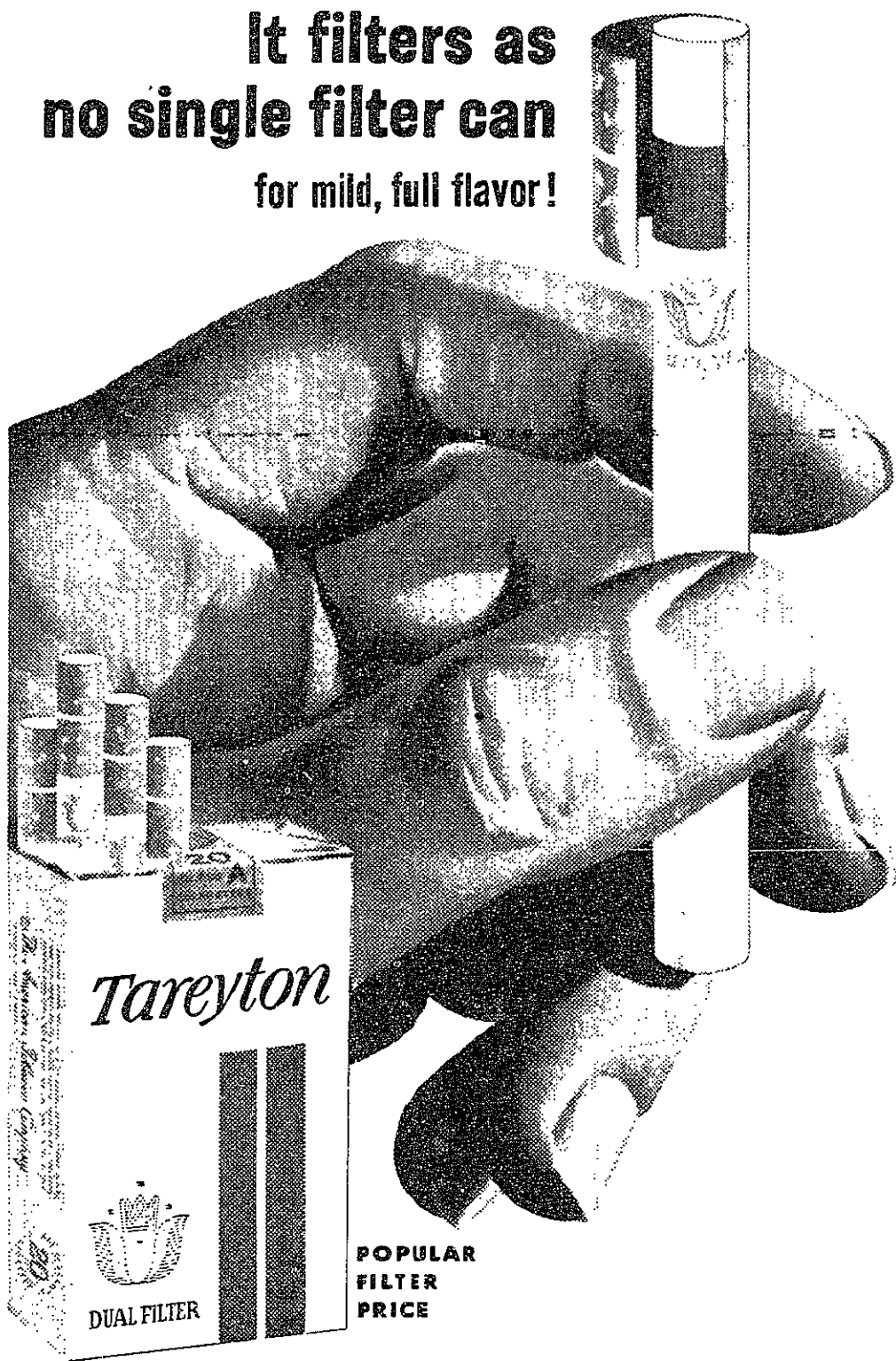
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Friday	
5:00 P.M.	Caravan
6:00	Jazz
7:00	Fiesta
8:00	Baton Society
8:30	Campus News
8:50	News
9:00-2:00	Nite Owl
Saturday	
5:00 P.M.	Jazz
7:00	Show Music
8:50	News
9:00-2:00	Nite Owl
Sunday	
4:00 P.M.	Sunday Serenade
7:00	Folk Music
8:00	Jazz
8:50	News
9:00-1:00	Classical Music
Monday	
5:00	Caravan
6:00	Jazz
7:00	Lenny Silver Show
8:00	Potpourri
8:30	Campus News
8:50	News
9:00-1:00	Classical Music